

Customer No.: 31561
Docket No.: 10939-US-PA
Application No.: 10/605,916

AMENDMENTS

To the Claims:

1. (currently amended) A selectable booting operation method by a Basic Input Output System (BIOS) with a multi-partition in a disk which comprising a plurality of partitions, comprising:

turning on a power of a computer;

setting a multi-partition boot selection flag;

initializing a plurality of hardware components in the computer;

executing an interrupt service program;

reading a Master Boot Record (MBR) in the disk;

~~setting a multi-partition boot selection flag;~~

selecting one of the partitions by using the multi-partition boot selection flag;

determining whether the one of the partitions is bootable or not; and

reading a boot sector in the one of the partitions to boot the computer if the one of the partitions is determined bootable;

~~wherein selecting the multi-partition boot selection flag is performed by an embedded controller in the computer.~~

2-4. (cancelled)

5. (currently amended) The selectable booting operation method by the BIOS with

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the multi-partition in the disk of claim 1, wherein setting the multi-partition boot selection flag is performed by pressing a button which is controlled by an embedded controller in the computer.

6. (currently amended) The selectable booting operation method by the BIOS with the multi-partition in the disk of claim 1, wherein setting the multi-partition boot selection flag is performed by pressing a button which is controlled by a keyboard controller in the computer.

7. (original) The selectable booting operation method by the BIOS with the multi-partition in the disk of claim 1, wherein setting the multi-partition boot selection flag is performed by a remote controller.

8. (original) The selectable booting operation method by the BIOS with the multi-partition in the disk of claim 1, wherein the multi-partition boot selection flag is stored in a memory in the computer.

9. (original) The selectable booting operation method by the BIOS with the multi-partition in the disk of claim 1, wherein the multi-partition boot selection flag is stored in a register in the computer.

10. (original) The selectable booting operation method by the BIOS with the multi-partition in the disk of claim 1, wherein when the one of the partitions is not bootable, a boot fail message is displayed.

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11. (original) The selectable booting operation method by the BIOS with the multi-partition in the disk of claim 1, wherein when the one of the partitions is not bootable, a default partition in the disk set by the BIOS is read.

12. (original) The selectable booting operation method by the BIOS with the multi-partition in the disk of claim 11, wherein when the default partition is bootable, a boot sector in the default partition is read so as to boot the computer.

13. (original) The selectable booting operation method by the BIOS with the multi-partition in the disk of claim 11, wherein when the default partition is not bootable, a boot fail message is displayed.

14. (original) The selectable booting operation method by the BIOS with the multi-partition in the disk of claim 1, wherein the interrupt service program is an INT 19H interrupt service program.

15-26. (cancelled)